

AMENDMENTS TO THE CLAIMS:

Kindly amend claims 1-2, as shown below.

This listing of claims will replace all prior versions and listings of claims in the Application:

Claim 1 (currently amended): An active matrix liquid crystal display device configured to invert a polarity of a voltage on a common electrode by row or by frame, comprising:

a common voltage supply circuit provided to supply a common voltage ~~VCOM10~~ to said common electrode; and

a charge collection and resupply circuit connected between said common electrode and said common voltage supply circuit, said charge collection and resupply circuit ~~including~~ comprising:

a first switch connected between said common electrode and said common voltage supply circuit;

a charge collection capacitor;

a second switch connected between a connection point of said common electrode and said first switch and said charge collection capacitor;

a switch control unit provided to control turning on and off of said first and second switches, said switch control unit being configured to operate such that immediately before a polarity of said common voltage ~~VCOM10~~ is inverted, said first switch is turned off and then said second switch is turned on, and further, after inversion of said polarity of said common voltage ~~VCOM10~~, said second switch is turned off and then said first switch is turned on.

Claim 2 (currently amended): An active matrix liquid crystal display device configured to invert a polarity of a voltage on a common electrode by row or by frame, comprising:

a common voltage supply circuit provided to supply a common voltage ~~VCOM10~~ to said common electrode; and

a charge collection and resupply circuit connected between said common electrode and said common voltage supply circuit, said charge collection and resupply circuit ~~including~~ comprising:

a first switch connected between said common electrode and said common voltage supply circuit;

a positive charge collection capacitor;

a negative charge collection capacitor;

a second switch connected between a connection point of said common electrode and said first switch and said positive charge collection capacitor;

a third switch connected between said connection point and ground;

a fourth switch connected between said connection point and said negative charge collection capacitor; and

a switch control unit provided to control turning on and off of said first through fourth switches, said switch control unit being configured to operate such that immediately before a polarity of said common voltage ~~VCOM10~~ is inverted from a positive polarity to a negative polarity, said first switch is turned off and then said second switch is turned on and held in an on-state during a specific period of time and then said polarity is inverted while said third switch is being in an on-state during a specific period of time, and subsequently, after said

fourth switch is being in an on-state during a specific period of time, said first switch is turned on, and immediately before said common voltage ~~VCOM10~~ is inverted from a negative polarity to a positive polarity, said first switch is turned off and then said fourth switch is turned on and held in an on-state during a specific period of time, and then, said polarity is inverted while said third switch is being in an on-state during a specific period of time, and thereafter, said second switch is turned on and held in an on-state during a specific period of time and then said first switch is turned on.

Claim 3 (original): The liquid crystal display device according to claim 1, further comprising a DC level shift circuit provided to invert a polarity of a common voltage and disposed in a stage prior to said charge collection and resupply circuit.

Claim 4 (original): The liquid crystal display device according to claim 2, further comprising a DC level shift circuit provided to invert a polarity of a common voltage and disposed in a stage prior to said charge collection and resupply circuit.

Claim 5 (original): The liquid crystal display device according to claim 1, further comprising a DC level shift circuit provided to invert a polarity of a common voltage and disposed in a stage subsequent to said charge collection and resupply circuit.

Claim 6 (original): The liquid crystal display device according to claim 2, further comprising a DC level shift circuit provided to invert a polarity of a common voltage and disposed in a stage subsequent to said charge collection and resupply circuit.

Claim 7 (original): The liquid crystal display device according to claim 5, wherein said DC level shift circuit includes:

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a coupling and DC blocking capacitor connected between said charge collection and resupply circuit and said common electrode;

a first bias voltage generation resistor connected between said common electrode and a first power supply; and

a second bias voltage generation resistor connected between said common electrode and a second power supply.

Claim 8 (original): The liquid crystal display device according to claim 6, wherein said DC level shift circuit includes:

a coupling and DC blocking capacitor connected between said charge collection and resupply circuit and said common electrode;

a first bias voltage generation resistor connected between said common electrode and a first power supply; and

a second bias voltage generation resistor connected between said common electrode and a second power supply.